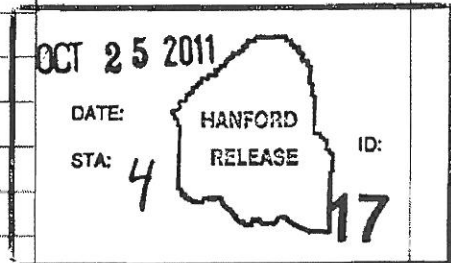


DOCUMENT RELEASE FORM

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Environmental Notification for 241-AY-102 Annulus ENRAF 152 Rainwater Intrusion on 10-13-11

Author Name:
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U.S. Department of Energy Contract DE-AC27-08RV14800

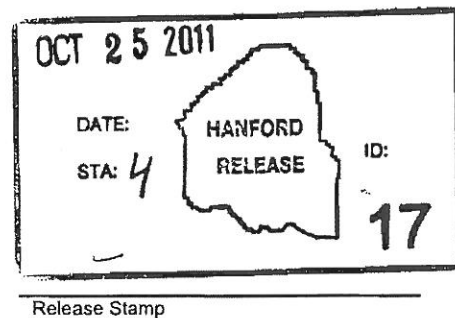
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Key Words: Environmental, Notification, TOC-ENV-NOT-2011-0012, 241-AY-102, ENRAF 152

Abstract: Environmental Notification for Environmental Notification for 241-AY-102 ENRAF 152
Rainwater Intrusion on 10-13-11

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LN Solano
LN Solano
Release Approval
10/25/11
Date



Approved For Public Release

ENVIRONMENTAL NOTIFICATION FORM

Date: 10/13/2011

Notification No.: TOC-ENV-NOT- 2011-0012

Name: Randal Fox

Revision No. 0

Section 1. Spills

NA ☒

Chemical Name: _____ MSDS No.: _____

Regulated per 40 CFR 302: Yes ☐ No ☐ EPCRA EHS: Yes ☐ No ☐

CAS No.: _____ Quantity Released: _____ Reportable Quantity (RQ): _____

CAS No.: _____ Quantity Released: _____ Reportable Quantity (RQ): _____

CAS No.: _____ Quantity Released: _____ Reportable Quantity (RQ): _____

Resource Conservation and Recovery Act Contingency Plan Implemented: Yes ☐ No ☐

National Response Center Staff Name: _____

National Response Center Report No.: _____

Tank Waste Release: Yes ☐ No ☐

Section 2. Emission Control Equipment Deviation

NA ☒

Emission Unit: _____

Location: _____

Airborne Release: Yes ☐ No ☐ Personnel Contamination: Yes ☐ No ☐

Work Space Air Sample: _____ DAC

Description of Occurrence: _____

Date and Time of Discovery: _____

Section 3. RCRA Compliance

NA ☐Double-Shell Tank Leak Detection System Yes ☒ No ☐Single-Shell Tank Leak Assessment Process Yes ☐ No ☐Single-Shell Tank Drywell Logging Yes ☐ No ☐Double-Shell Tank Inadvertent Waste Transfer Yes ☐ No ☐

Location: AY-102 (AY102-WSTA-LDT-152)

Date and Time of Discovery: 10/12/2011 1320 hrs

ENVIRONMENTAL NOTIFICATION FORM

Date: 10/13/2011

Notification No.: TOC-ENV-NOT- 2011-0012

Name: Randal Fox

Revision No. 0

Description of Occurrence:

Double shell tank 241-AY-102 annulus ENRAF 152 was discovered reading above the expected operating range on 10/9/2011. The other two annulus ENRAFs were both within the expected operating range and ENRAF 152 was declared out of service.

During maintenance and troubleshooting work conducted on 10/12/2011, the ENRAF 152 displacer was discovered to be visually wet and weighing more than expected. Rainwater intrusion is thought to be the cause of the wetness. A video will be taken of the annulus space near this ENRAF and additional maintenance work will be planned to restore the ENRAF to normal operations.

Section 4. Permit Deviation

NA ☒Air Emission Limit Exceeded: Yes ☐ No ☐

Emission: _____ Limit: _____ Release Amount: _____

ST4511 Permit Non-Compliance (G.11): Yes ☐ No ☐ST4511 Permit Upset (S.8): Yes ☐ No ☐RCRA Permit: Yes ☐ No ☐

Location: _____

Date and Time of Discovery: _____

Description of Occurrence:

Attach a copy of original notification email when submitting Environmental Notification to Document Control

Approval: Randal Fox / Randal E. Fox
(Print and Sign Name)

Date: 10/21/2011

Distribution of this form shall be completed to the following groups by the originator.

Check all applicable distribution lists:

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- E-mail:
- DL-WRPS-NOT-MGMT
 - DL-WRPS-NOT-WDOH
 - DL-WRPS-NOT-ORP
 - DL-WRPS-NOT-ECO
 - Team Line Management
 - ^WRPS Occurrence Reporting
 - Heart of America (Tank Waste release only)

ENVIRONMENTAL NOTIFICATION FORMDate: 10/13/2011Notification No.: TOC-ENV-NOT- 2011-0012Name: Randal FoxRevision No. 0☐ **Section 2:**

- E-mail: • DL-WRPS-NOT-WDOH
• DL-WRPS-NOT-MGMT
• DL-WRPS-NOT-ORP
• Team Line Management

☒ **Section 3**

Phone: • Ecology 1-509-575-2490

- E-mail: • DL-WRPS-NOT-ECO
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• DL-WRPS-NOT-ORP
• Team Line Management

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• DL-WRPS-NOT-MGMT
• DL-WRPS-NOT-ORP
• Team Line Management